

USE CASE: 1	New File - Reset	
Description	Clear text input box and create a new file	
Preconditions	Text exists in input box	
Successful End Condition	Input box clears	
Failed End Condition	Existing text in input box remains	
Actors	User	
Trigger	New File menu option is selected	
MAIN FLOW	Step	Action
	1	User clicks the File Menu
	2	User selects the New File menu option
	3	
	4	
EXTENSIONS	Step	Branching Action

USE CASE: 2	Open File	
Description	Opens the Open dialog box to locate a text file that will input text into the textbox.	
Preconditions	None	
Successful End Condition	Text from the opened file is input into the textbox	
Failed End Condition	No text is input into the textbox	
Actors	User	
Trigger	Open menu option is selected	
MAIN FLOW	Step	Action
	1	User clicks the File Menu
	2	User selects the Open menu option
	3	User selects the file and clicks the Open button
	4	Text is input into textbox
EXTENSIONS	Step	Branching Action

USE CASE: 3	Save output	
Description	Opens the Save As dialog box to create a file that will export the text.	
Preconditions	None	
Successful End Condition	A new file is created with the text of the received textbox	
Failed End Condition	No text is created	
Actors	User	
Trigger	Save As menu option is selected	
MAIN FLOW	Step	Action
	1	User clicks the File Menu
	2	User selects the Save As menu option
	3	User gives a filename and clicks the Save button
	4	New file is created
EXTENSIONS	Step	Branching Action

USE CASE: 4	Close Program	
Description	Communicator application is closed	
Preconditions	none	
Successful End Condition	Application exits	
Failed End Condition	Application remains open	
Actors	User	
Trigger	Exit menu option is selected or application close button is selected	
MAIN FLOW	Step	Action
	1	User clicks the File Menu
	2	User selects the Exit menu option
	3	
	4	
EXTENSIONS	Step	Branching Action
	1a	Application close button is clicked

USE CASE: 5	Send message	
Description	Send a new message	
Preconditions	none	
Successful End Condition	Input text is removed from the send textbox	
Failed End Condition	Text remains in input box	
Actors	User	
Trigger	Send menu option is selected or Send button is selected	
MAIN FLOW	Step	Action
	1	User types text into the send textbox
	2	User selects the Communicate menu option
	3	User selects the Send menu option
	4	Text is removed from the textbox
EXTENSIONS	Step	Branching Action
	2a	Send button is clicked
	2b	Text is removed from the textbox

USE CASE: 6	Receive message	
Description	Receive a new message	
Preconditions	Text must have been previously sent	
Successful End Condition	Input text is placed into the receive textbox	
Failed End Condition	Sent text is not received into textbox	
Actors	User	
Trigger	Receive menu option is selected or Receive button is selected	
MAIN FLOW	Step	Action
	1	User types text into the receive textbox
	2	User selects the Communicate menu option
	3	User selects the Receive menu option
	4	Text is placed into the textbox
EXTENSIONS	Step	Branching Action
	2a	Receive button is clicked
	2b	Text is placed into the textbox

USE CASE: 7	Connect to database	
Description	Connect application to the database	
Preconditions	none	
Successful End Condition	Java console receives instruction	
Failed End Condition	No instruction is received to the console	
Actors	User	
Trigger	Connect menu option is selected or Connect button is selected	
MAIN FLOW	Step	Action
	1	User selects the Database menu option
	2	User selects the Connect menu option
	3	Text is placed into the java console
	4	
EXTENSIONS	Step	Branching Action
	1a	Connect button is clicked
	1b	Text is placed into the java console

USE CASE: 8	Run a SQL Query	
Description	Run a SQL query against the database	
Preconditions	none	
Successful End Condition	Java console receives instruction	
Failed End Condition	No instruction is received to the console	
Actors	User	
Trigger	Receive menu option is selected or Receive button is selected	
MAIN FLOW	Step	Action
	1	User selects the Database menu option
	2	User selects the Run SQL menu option
	3	Text is placed into the java console
	4	
EXTENSIONS	Step	Branching Action
	1a	Query button is clicked
	1b	Text is placed into the java console

USE CASE: 9	Debug	
Description	Debug the application	
Preconditions	none	
Successful End Condition	Debug checkbox is selected	
Failed End Condition	Debug checkbox remains unselected	
Actors	User	
Trigger	Debug menu checkbox is selected	
MAIN FLOW	Step	Action
	1	User selects the Help menu option
	2	User selects the Debug option
	3	Checkbox is selected
	4	
EXTENSIONS	Step	Branching Action

USE CASE: 10	About	
Description	Get information about the application	
Preconditions	none	
Successful End Condition	About window opens	
Failed End Condition	No about window opens	
Actors	User	
Trigger	About menu option is selected	
MAIN FLOW	Step	Action
	1	User selects the Help menu option
	2	User selects the About menu option
	3	About windows opens in center of screen
	4	
EXTENSIONS	Step	Branching Action

USE CASE: 11	Remote Send	
Description	For future use – Send a message remotely	
Preconditions	none	
Successful End Condition	Java console receives instruction	
Failed End Condition	No instruction is received to the console	
Actors	User	
Trigger	rSend button is selected	
MAIN FLOW	Step	Action
	1	User clicks the rSend button
	2	Text is placed into the java console
	3	
	4	
EXTENSIONS	Step	Branching Action

USE CASE: 12	Remote Receive	
Description	For future use – Receive a message remotely	
Preconditions	none	
Successful End Condition	Java console receives instruction	
Failed End Condition	No instruction is received to the console	
Actors	User	
Trigger	rReceive button is selected	
MAIN FLOW	Step	Action
	1	User clicks the rSend button
	2	Text is placed into the java console
	3	
	4	
EXTENSIONS	Step	Branching Action